

Breast

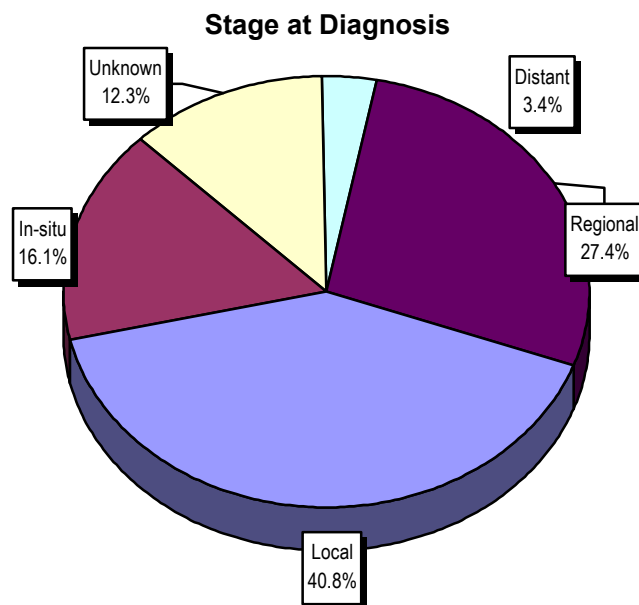
Incidence and Mortality Summary

	Male	Female	Total
Age-adjusted incidence rate per 100,000	3.3	139.7	80.6

Total # of new cases	8	513	522
# of new invasive cases	4	370	374
# of new in-situ cases	3	80	84
# of deaths	0	109	109

Total Cases and Deaths by Ward

Ward 1	52	10
Ward 2	69	13
Ward 3	95	19
Ward 4	70	14
Ward 5	72	14
Ward 6	52	16
Ward 7	64	12
Ward 8	25	11
Unknown	23	



Risk and Associated Factors

Age	Rates increase steadily with age. Over 75% of breast cancers are diagnosed in women over the age of 50.
Race & SES*	Caucasian women have higher incidence rates than African American women after the age of 50.
Genetics	Mutations in specific genes (BRCA-1; BRCA-2) have been associated with 5-10% of breast cancers.
Hormonal	There is evidence of hormonal influence in the risk of developing breast cancer. Longer intervals of menarche to the first full-term pregnancy and from menarche to menopause, as well as menarche before age 13, have been associated with higher risks of breast cancer.
Other	Obesity, sedentary life-style, having cancer in an opposite breast, having a mother or sister with breast cancer, drinking 2 or more alcoholic beverages a day, and a history of radiation therapy to the chest area when young have all been implicated as associated risk factors

Special Notes

95% confidence interval on the age-adjusted total incidence rate: 80.6 (73.5 - 87.6)
Mean age-adjusted incidence rate across wards: 76.3
Median age-adjusted incidence rate of wards: 80.7
Range of age-adjusted incidence rates for wards: 78.6 (33.7 Ward 8 < 112.3 Ward 3)

Black female mortality rate was 1.3 times that of white females, and black females have their disease diagnosed at a local stage 31% less of the time than white females. Clinical breast examinations and mammography have been shown to reduce breast cancer mortality by 30% among women aged 50 and older.

*Socio-economic Status

Fig. 14: Age-Specific Incidence and Mortality Rates by Race and Gender Breast Cancer

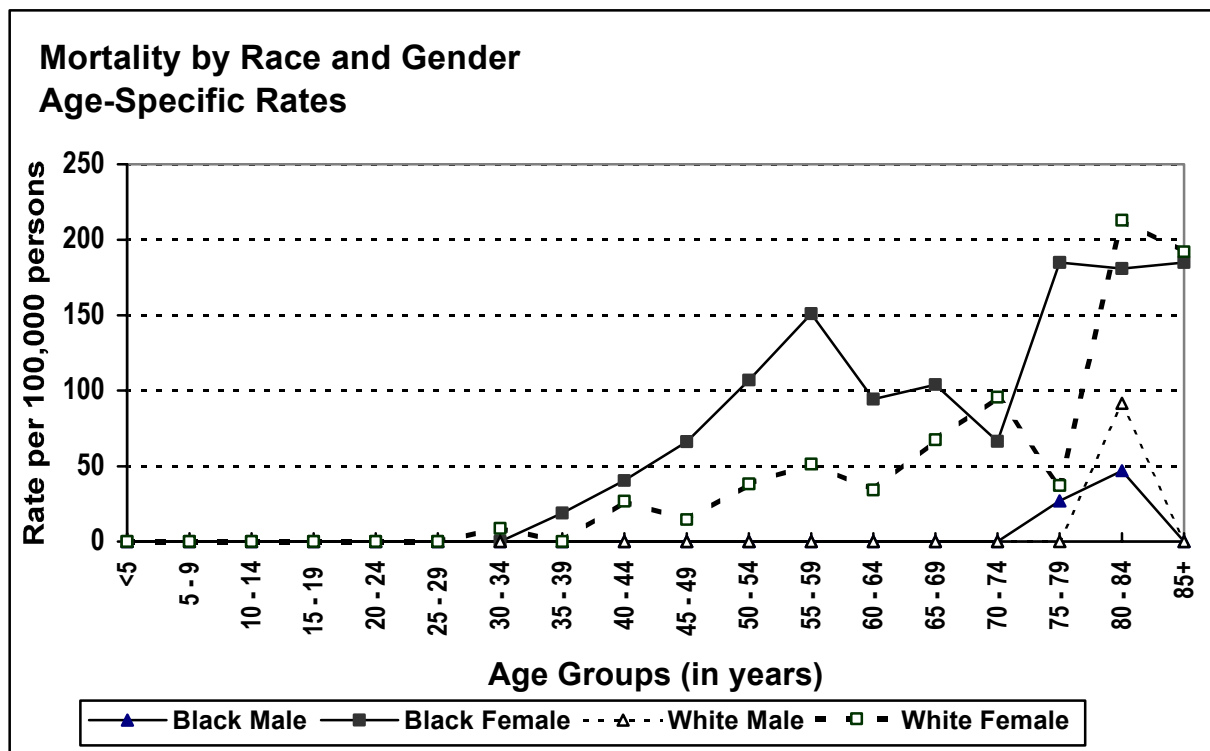
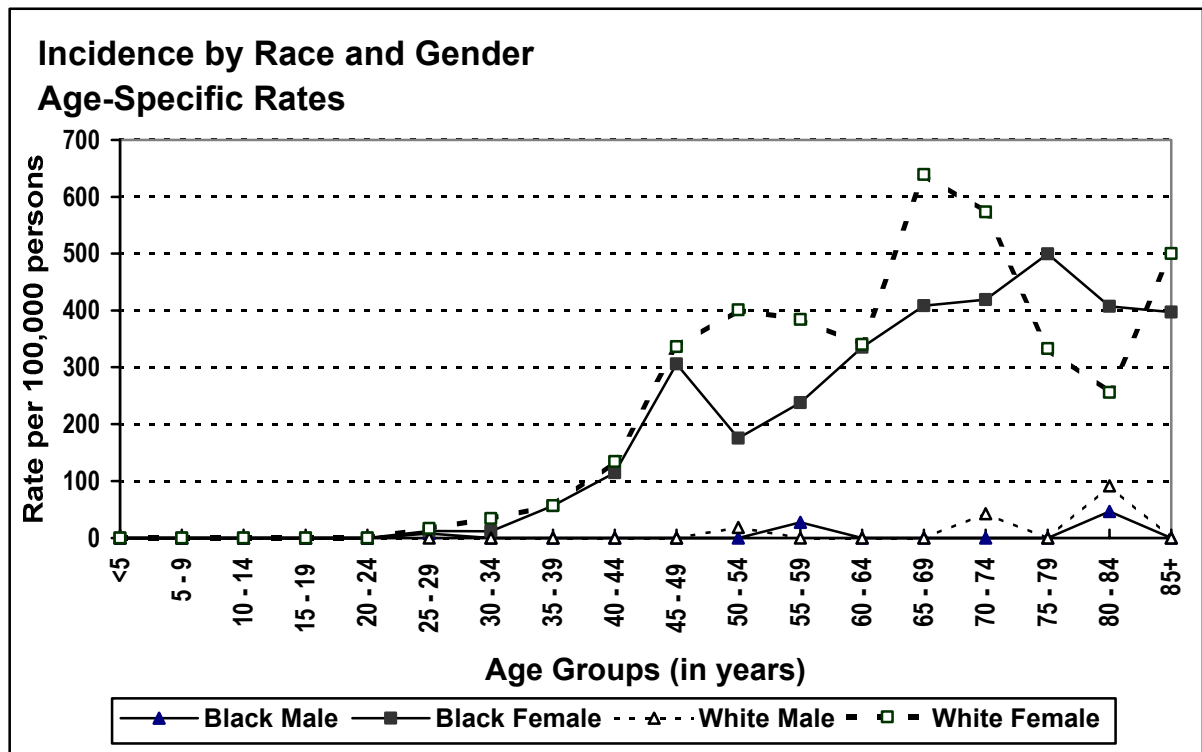


Fig. 15: 1996 Age-Adjusted Incidence and Mortality Rates for the District of Columbia – Breast Cancer

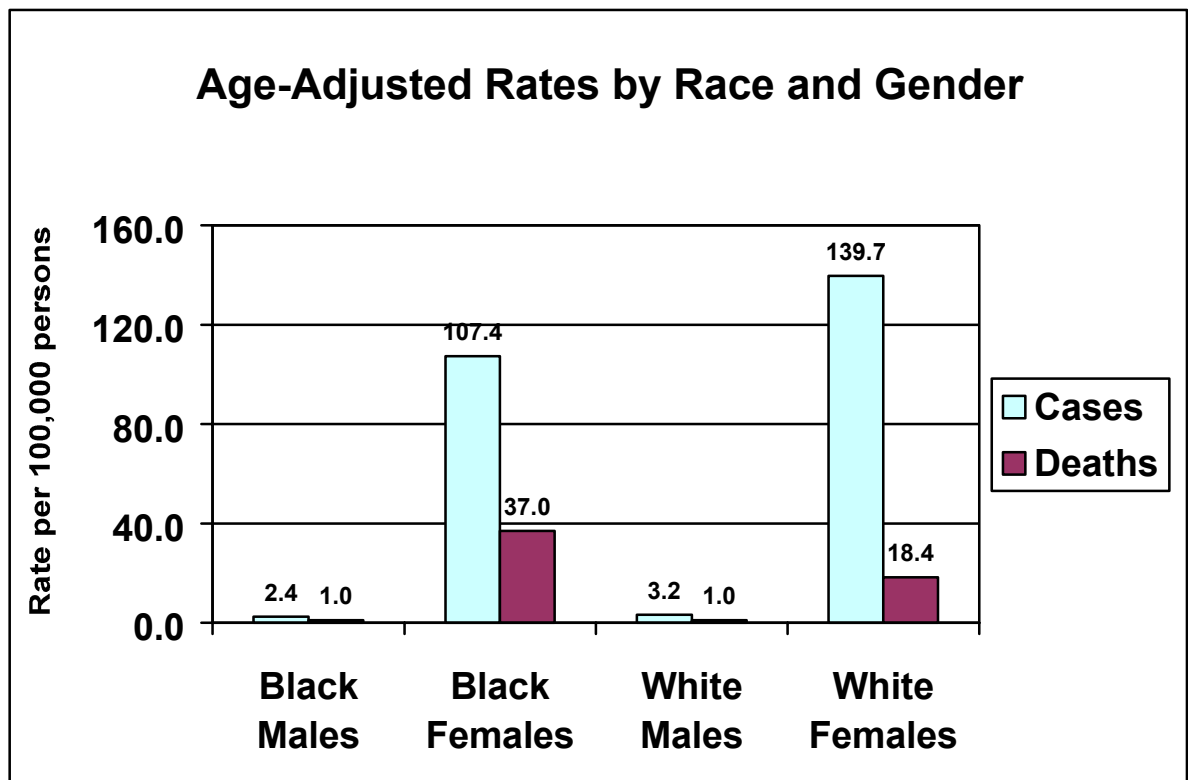
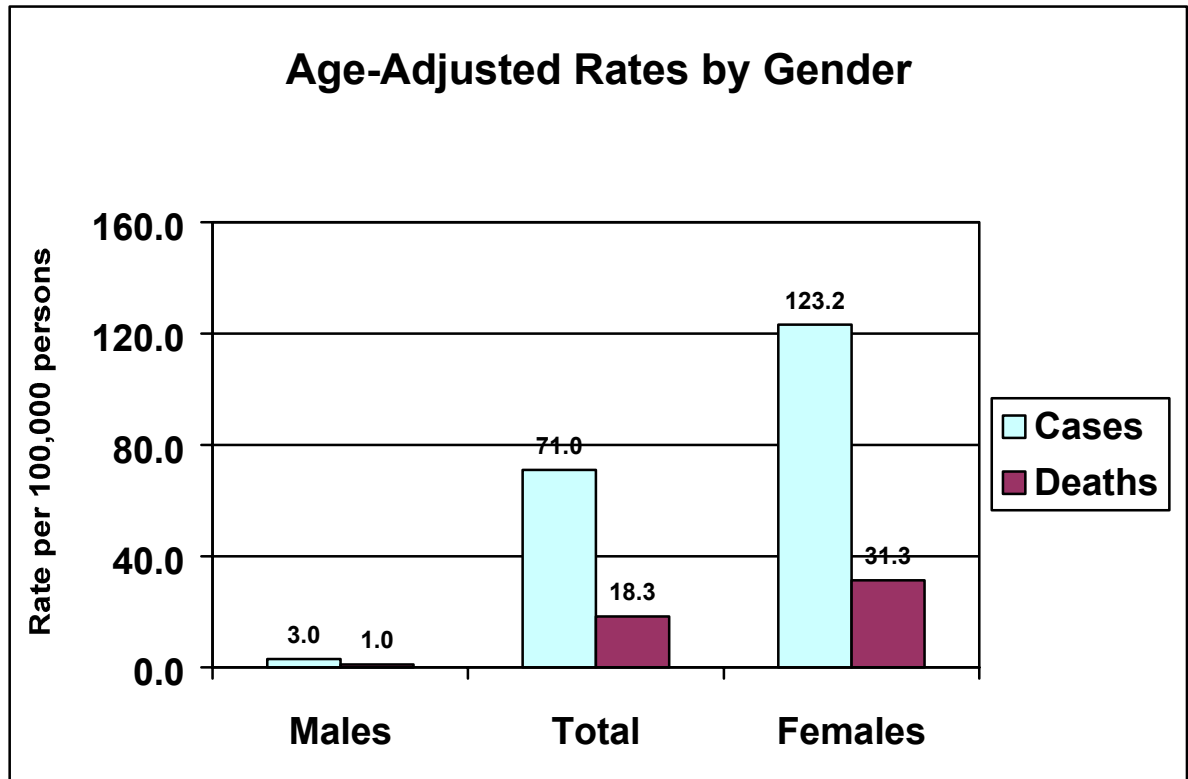
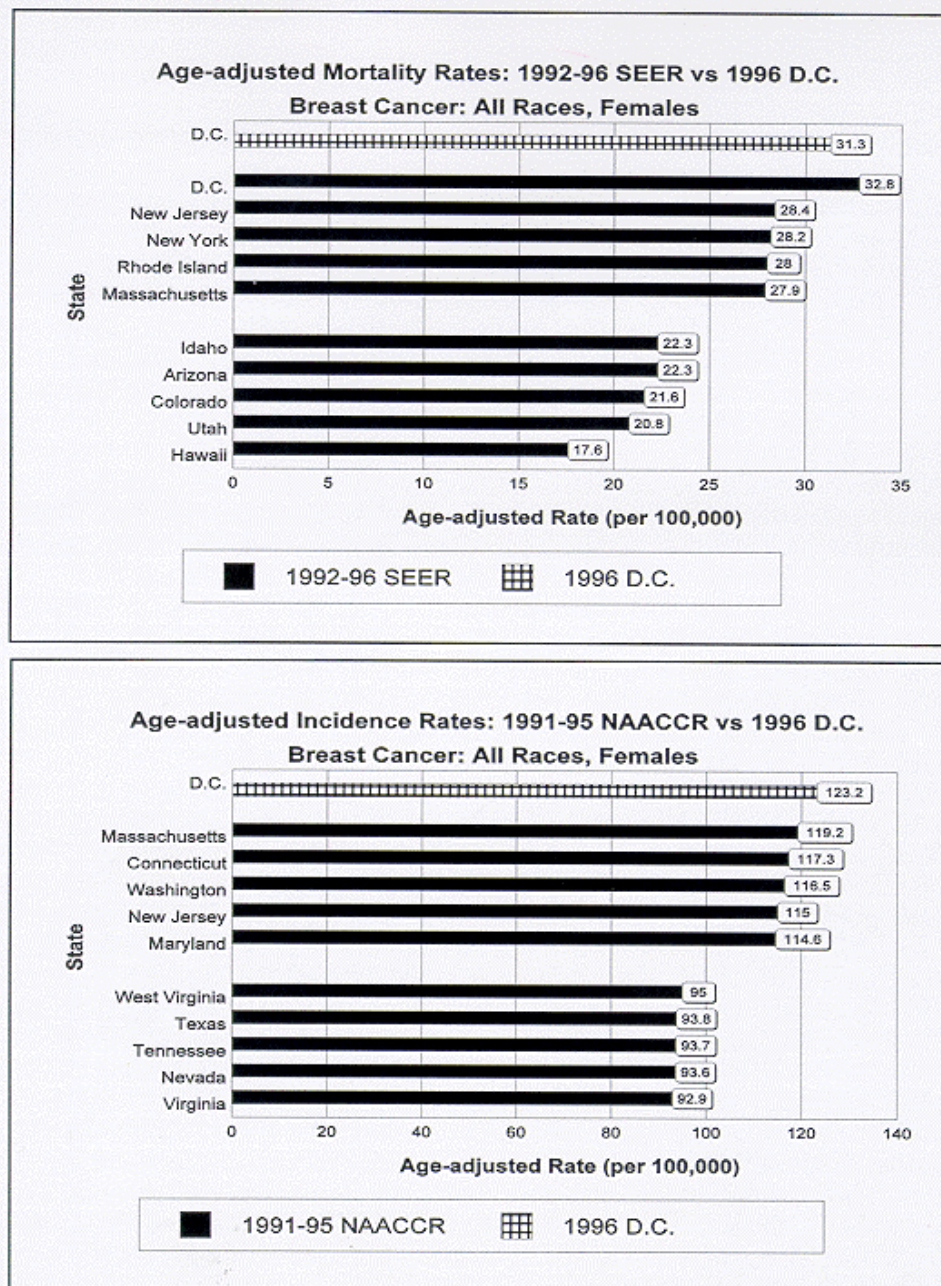


Figure 16: Comparison of the 1996 D.C. Incidence and Mortality Rates with The Highest 5 and Lowest 5 SEER (1992-96) Mortality and NAACCR (1991-95) ‡ Cancer Incidence Rates



‡ Data on D.C. between 1991-1995 were not available to NAACCR for publication in April 1999.